

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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上記発明の明細書（下記の欄で×印がついていない場合は、本書に添付）は、

The specification of which is attached hereto unless the following box is checked:

____月____日に提出され、米国出願番号または特許協定条約
国際出願番号を_____とし、
(該当する場合) _____に訂正されました。

was filed on _____
as United States Application Number or
PCT International Application Number
_____ and was amended on
_____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基き下記の、米国以外の國の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示している。

Prior Foreign Application(s)

外国での先行出願

<u>2000-338357</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)
<u> </u>	<u> </u>
(Number) (番号)	(Country) (国名)

私は、第35編米国法典119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

<u>(Application No.)</u> (出願番号)	<u>(Filing Date)</u> (出願日)
<u> </u>	<u> </u>

私は、下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

<u>(Application No.)</u> (出願番号)	<u>(Filing Date)</u> (出願日)
<u> </u>	<u> </u>

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じるところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed
優先権主張なし

<u>29/ September/ 2000</u>	<input type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	
<u> </u>	<input type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

<u>(Application No.)</u> (出願番号)	<u>(Filing Date)</u> (出願日)
<u> </u>	<u> </u>

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。（弁護士、または代理人の氏名及び登録番号を明記のこと）

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

Martin Fleit, Reg. No. 16,900; Herbert I. Cantor, Reg. No. 24,392;
James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg.
No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards,
Reg. No. 31,824; Jeffrey D. Sanok, Reg. No. 32,169; Richard R.
Diefendorf, Reg. No. 32,390; and Paul A. Schnose, Reg. No.
39,361

書類送付先

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Direct Telephone Calls to: (name and telephone number)

Telephone: (202)628-8800
Fax: (202)628-8844

唯一または第一発明者		Full name of sole or first inventor
		Hiroshi KAJIYAMA
発明者の署名	日付	Inventor's signature Date
		<i>Hiroshi Kajiyama Aug. 23, 2001</i>
住所	Residence	
Kodaira, Japan		
国籍	Citizenship	
Japan		
私書箱	Post Office Address	
c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan.		

(第二以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for second and subsequent joint inventors.)

第二共同発明者	Full name of second joint inventor, if any	
	Akira KATOU	
第二共同発明者の署名	日付	Second inventor's signature Date
		<i>Akira Katou</i> Aug/30/2001
住所	Residence	
	Mito, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
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第三共同発明者	Full name of third joint inventor, if any	
	Ken-ichi ONISAWA	
第三共同発明者の署名	日付	Third inventor's signature Date
		<i>Kenichi Onisawa</i> Aug. 30, 2001
住所	Residence	
	Hitachinaka, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第四共同発明者	Full name of fourth joint inventor, if any	
	Tetsuro MINEMURA	
第四共同発明者の署名	日付	Fourth inventor's signature Date
		<i>Tetsuro Minemura</i> Aug. 31, 2001
住所	Residence	
	Hitachioota, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第五共同発明者	Full name of fifth joint inventor, if any	
	Kazuo UETANI	
第五共同発明者の署名	日付	Fifth inventor's signature Date
		<i>Kazuo Uetani</i> Aug. 128/2001
住所	Residence	
	Nishinomiya, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	

(第六以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for sixth and subsequent joint inventors.)

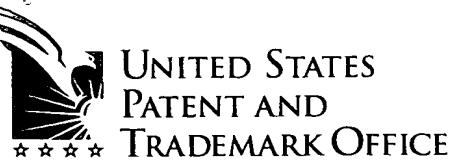
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第六共同発明者	Full name of sixth joint inventor, if any Yasushi IHARA	
第六共同発明者の署名	日付	Second inventor's signature Date <i>Yasushi Ihara Aug. 23, 2001</i>
住所	Residence Takarazuka, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第七共同発明者	Full name of seventh joint inventor, if any Shiro TAKIGAWA	
第七共同発明者の署名	日付	Third inventor's signature Date <i>Shiro Takigawa Aug. 23, 2001</i>
住所	Residence Kyoto, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第八共同発明者	Full name of eighth joint inventor, if any Kouichi NOSE	
第八共同発明者の署名	日付	Fourth inventor's signature Date <i>Kouichi Nose Aug. 23, 2001</i>
住所	Residence Osaka, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第九共同発明者	Full name of ninth joint inventor, if any Isao TOKOMOTO	
第九共同発明者の署名	日付	Fifth inventor's signature Date <i>Isao Tokomoto Aug. 23, 2001</i>
住所	Residence Ikeda, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	

(第十以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for tenth and subsequent joint inventors.)

第十共同発明者	Full name of tenth joint inventor, if any Yasuhiro KOIZUMI		
第十共同発明者の署名	日付	Second inventor's signature	Date <i>Yasuhiro Koizumi</i> 08/27/2001
住所	Residence Nishinomiya, Japan		
国籍	Citizenship Japan		
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan		
第十一共同発明者	Full name of eleventh joint inventor, if any		
第十一共同発明者の署名	日付	Third inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		
第十二共同発明者	Full name of twelfth joint inventor, if any		
第十二共同発明者の署名	日付	Fourth inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		
第十三共同発明者	Full name of thirteenth joint inventor, if any		
第十三共同発明者の署名	日付	Fifth inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		



FEBRUARY 06, 2002

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: KAJIYAMA, HIROSHI	DOC DATE: 08/23/2001
ASSIGNOR: KATOU, AKIRA	DOC DATE: 08/30/2001
ASSIGNOR: ONISAWA, KEN-ICHI	DOC DATE: 08/30/2001
ASSIGNOR: MINEMURA, TETSURO	DOC DATE: 08/31/2001
ASSIGNOR: UETANI, KAZUO	DOC DATE: 08/28/2001
ASSIGNOR: IHARA, YASUSHI	DOC DATE: 08/23/2001
ASSIGNOR: TAKIGAWA, SHIRO	DOC DATE: 08/23/2001

012367/0093 PAGE 2

ASSIGNOR:
NOSE, KOUICHI

DOC DATE: 08/23/2001

ASSIGNOR:
TOKOMOTO, ISAO

DOC DATE: 08/23/2001

ASSIGNOR:
KOIZUMI, YASUHIRO

DOC DATE: 08/27/2001

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SERIAL NUMBER: 09944147

FILING DATE: 09/04/2001

PATENT NUMBER:

ISSUE DATE:

JACQUELINE MOORE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

12-19-2001



To the Honorable Commissioner
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Attorney Docket No. 381NT/50373

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1. Name of conveying party(ies) P E  1. Hiroshi KAJIYAMA 2. Akira KATOU 3. Ken-ichi ONISAWA 4. Tetsuro MINEMURA 5. Kazuo UETANI 6. Yasushi IHARA 7. Shiro TAKIGAWA 8. Kouichi NOSE 9. Isao TOKOMOTO 10. Yasuhiko KOIZUMI		2. Name and address of receiving party(ies) Name: HITACHI, LTD. Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		
Execution Date: 1. August 23, 2001 2. August 30, 2001 3. August 30, 2001 4. August 31, 2001 5. August 28, 2001 6. August 23, 2001 6. August 23, 2001 7. August 23, 2001 8. August 23, 2001 9. August 23, 2001 10. August 27, 2001		

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s) 09/944,147

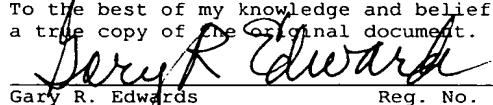
B. Patent No(s).

Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: CROWELL & MORING, L.L.P. P.O. Box 14300 Washington, D.C. 20044-4300	6. Total number of applications and patents involved: 7. Total Fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323 <input type="checkbox"/> Authorized to be charged to Deposit Account
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Gary R. Edwards Reg. No. 31,824

December 10, 2001

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ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Hiroshi Kajiyama	Aug. 23, 2001
2)	Akira Katou	Aug. 30, 2001
3)	Kenichi Onisawa	Aug. 30, 2001
4)	Takao Minemura	Aug. 31, 2001
5)	Kazuo Ueda	Aug. 28, 2001
6)	Yasushi Ikeda	Aug. 23, 2001
7)	Shiro Takizawa	Aug. 23, 2001
8)	Kenichi Hase	Aug. 23, 2001
9)	Yuki Tomonaga	Aug. 23, 2001
10)	Yasuhiko Kozumi	Aug. 27, 2001